

Environmental Protection Agency

§ 81.323

Massachusetts—Ozone (8-Hour Standard)

Designated area	Designation ^a		Category/classification	
	Date ¹	Type	Date ¹	Type
Suffolk County	Nonattainment	.....	Subpart 2/Moderate.
Worcester County	Nonattainment	.....	Subpart 2/Moderate.
Springfield (W. Mass), MA:				
Berkshire County	Nonattainment	.....	Subpart 2/Moderate.
Franklin County	Nonattainment	.....	Subpart 2/Moderate.
Hampden County	Nonattainment	.....	Subpart 2/Moderate.
Hampshire County	Nonattainment	.....	Subpart 2/Moderate.

^a Includes Indian Country located in each county or area, except as otherwise specified.

¹ This date is June 15, 2004, unless otherwise noted.

Massachusetts—PM_{2.5}

Designated area	Designation ^a	
	Date ¹	Type
Statewide:		
Barnstable County	Unclassifiable/Attainment.
Berkshire County	Unclassifiable/Attainment.
Bristol County	Unclassifiable/Attainment.
Dukes County	Unclassifiable/Attainment.
Essex County	Unclassifiable/Attainment.
Franklin County	Unclassifiable/Attainment.
Hampden County	Unclassifiable/Attainment.
Hampshire County	Unclassifiable/Attainment.
Middlesex County	Unclassifiable/Attainment.
Nantucket County	Unclassifiable/Attainment.
Norfolk County	Unclassifiable/Attainment.
Plymouth County	Unclassifiable/Attainment.
Suffolk County	Unclassifiable/Attainment.
Worcester County	Unclassifiable/Attainment.

^a Includes Indian Country located in each county or area, except as otherwise specified.

¹ This date is 90 days after January 5, 2005, unless otherwise noted.

[43 FR 8964, Mar. 3, 1978, as amended at 43 FR 40426, Sept. 11, 1978; 45 FR 2044, Jan. 10, 1980; 45 FR 61304, Sept. 16, 1980; 46 FR 23420, Apr. 27, 1981; 46 FR 40190, Aug. 7, 1981; 48 FR 32984, July 20, 1983; 49 FR 29221, July 19, 1984; 56 FR 56774, Nov. 6, 1991; 56 FR 63466, Dec. 4, 1991; 61 FR 2923, Jan. 30, 1996; 63 FR 31054, June 5, 1998; 64 FR 30915, June 9, 1999; 65 FR 45234, July 20, 2000; 67 FR 7278, Feb. 19, 2002; 67 FR 62187, Oct. 4, 2002; 67 FR 76450, Dec. 12, 2002; 69 FR 23910, Apr. 30, 2004; 70 FR 980, Jan. 5, 2005; 70 FR 44476, Aug. 3, 2005]

§ 81.323 Michigan.

Michigan—SO₂

Designated area	Does not meet primary standards	Does not meet secondary standards	Cannot be classified	Better than national standards
AQCR 82 (Michigan portion)	X
AQCR 122				
1. Midland County, R2E, T13N, sections 1–6, R2E, T13N, sections 1–6, R2E, T14N, sections 7–36	X
AQCR 123	X
AQCR 124 (Michigan portion)	X
AQCR 125	X
AQCR 126	X

Michigan—Carbon Monoxide

Designated Area	Designation		Classification	
	Date ¹	Type	Date ¹	Type
DETROIT AREA.				

Michigan—Carbon Monoxide

Designated Area	Designation		Classification	
	Date ¹	Type	Date ¹	Type
Areas included within the following (counter-clockwise): Lake St. Clair to 14 Mile Road to Kelly Road, N. to 15 Mile Road to Hayes Road, S. to 14 Mile Road to Clawson City Boundary, following N. Clawson City boundary to N. Royal Oak boundary to 13 Mile Road to Evergreen Road to southern Beverly Hills City boundary to southern Bingham Farms City boundary to southern Franklin Hills City boundary to Inkster Road, south to Pennsylvania Road extending east to the Detroit River. Macomb County (part).	August 30, 1999	Attainment		
Oakland County (part)	August 30, 1999	Attainment		
Wayne County (part)	August 30, 1999	Attainment		
AQCR 082 South Bend-Elkhart-Benton Harbor Interstate.	.....	Unclassifiable/Attainment		
Berrien County				
Cass County				
Van Buren County				
AQCR 122 Central Michigan Intrastate .....	.....	Unclassifiable/Attainment		
Allegan County				
Arenac County				
Bay County				
Clare County				
Genesee County				
Gladwin County				
Gratiot County				
Huron County				
Ionia County				
Iosco County				
Isabella County				
Kent County				
Lake County				
Lapeer County				
Mason County				
Mecosta County				
Midland County				
Montcalm County				
Muskegon County				
Newaygo County				
Oceana County				
Ogemaw County				
Osceola County				
Ottawa County				
Roscommon County				
Saginaw County				
Sanilac County				
Shiawassee County				
Tuscola County				
AQCR 123 Metro Detroit-Port Huron Intrastate (Remainder of).	.....	Unclassifiable/Attainment		
Macomb County (part)				
Remainder of County				
Oakland County (part)				
Remainder of County				
St. Clair County				
Wayne County (part)				
Remainder of County				
AQCR 124 Metropolitan Toledo Interstate .....	.....	Unclassifiable/Attainment		
Monroe County				
AQCR 125 South Central Michigan Intrastate .....	.....	Unclassifiable/Attainment		
Barry County				
Branch County				
Calhoun County				
Clinton County				
Eaton County				
Hillsdale County				
Ingham County				
Jackson County				

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Michigan—Carbon Monoxide

Designated Area	Designation		Classification	
	Date ¹	Type	Date ¹	Type
Kalamazoo County Lenawee County Livingston County St. Joseph County Washtenaw County AQCR 126 Upper Michigan Intrastate	Unclassifiable/Attainment		
Alcona County Alger County Alpena County Antrim County Baraga County Benzie County Charlevoix County Cheboygan County Chippewa County Crawford County Delta County Dickinson County Emmet County Gogebic County Grand Traverse County Houghton County Iron County Kalkaska County Keweenaw County Leelanau County Luce County Mackinac County Manistee County Marquette County Menominee County Missaukee County Montmorency County Ontonagon County Oscoda County Otsego County Presque Isle County Schoolcraft County Wexford County				

¹ This date is November 15, 1990, unless otherwise noted.

Michigan—Ozone (1-Hour Standard)⁴

Designated area	Designation		Classification	
	Date ¹	Type	Date ¹	Type
Allegan County Area: Allegan County	January 16, 2001	Attainment		
Barry County Area: Barry County	Unclassifiable/Attainment		
Battle Creek Area: Calhoun County	Unclassifiable/Attainment		
Benton Harbor Area: Berrien County	Unclassifiable/Attainment		
Branch County Area: Branch County	Unclassifiable/Attainment		
Cass County Area: Cass County	Unclassifiable/Attainment		
Detroit-Ann Arbor Area: Livingston County	Attainment		
Macomb County	Attainment		
Monroe County	Attainment		
Oakland County	Attainment		
St. Clair County	Attainment		
Washtenaw County	Attainment		
Wayne County	Attainment		
Flint Area: Genesee County	January 16, 2001	Attainment		

Michigan—Ozone (1-Hour Standard)⁴

Designated area	Designation		Classification	
	Date ¹	Type	Date ¹	Type
Grand Rapids Area:				
Kent County .....	.....	Attainment		
Ottawa County .....	.....	Attainment		
Gratiot County Area:				
Gratiot County .....	.....	Unclassifiable/Attainment		
Hillsdale County Area:				
Hillsdale County .....	.....	Unclassifiable/Attainment		
Huron County Area:				
Huron County .....	.....	Unclassifiable/Attainment		
Ionia County Area:				
Ionia County .....	.....	Unclassifiable/Attainment		
Jackson Area:				
Jackson County .....	.....	Unclassifiable/Attainment		
Kalamazoo Area:				
Kalamazoo County .....	.....	Unclassifiable/Attainment		
Lansing-East Lansing Area:				
Clinton County .....	.....	Unclassifiable/Attainment		
Eaton County .....	.....	Unclassifiable/Attainment		
Ingham County .....	.....	Unclassifiable/Attainment		
Lapeer County Area:				
Lapeer County .....	.....	Unclassifiable/Attainment		
Lenawee County Area:				
Lenawee County .....	.....	Unclassifiable/Attainment		
Montcalm Area:				
Montcalm County .....	.....	Unclassifiable/Attainment		
Muskegon Area:				
Muskegon County	October 18, 2000	Attainment		
Saginaw-Bay City-Midland Area:				
Bay County	January 16, 2001	Attainment		
Midland County	January 16, 2001	Attainment		
Saginaw County	January 16, 2001	Attainment		
Sanilac County Area:				
Sanilac County .....	.....	Unclassifiable/Attainment		
Shiawassee County Area:				
Shiawassee County .....	.....	Unclassifiable/Attainment		
St. Joseph County Area:				
St. Joseph County .....	.....	Unclassifiable/Attainment		
Tuscola County Area:				
Tuscola County .....	.....	Unclassifiable/Attainment		
Van Buren County Area:				
Van Buren County .....	.....	Unclassifiable/Attainment		
AQCR 122 Central Michigan Intrastate (Remainder of):				
Arenac County				
Clare County				
Gladwin County				
Iosco County				
Isabella County				
Lake County				
Mason County				
Mecosta County				
Newaygo County				
Oceana County				
Ogemaw County				
Osceola County				
Roscommon County				
AQCR 126 Upper Michigan Intrastate (part) Marquette County.	.....	Unclassifiable/Attainment		
AQCR 126 Upper Michigan Intrastate (Remainder of):				
Alcona County				
Alger County				
Alpena County				
Antrim County				
Baraga County				
Benzie County				
Charlevoix County				

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Michigan—Ozone (1-Hour Standard)⁴

Designated area	Designation		Classification	
	Date ¹	Type	Date ¹	Type
Cheboygan County Chippewa County Crawford County Delta County Dickinson County Emmet County Gogebic County Grand Traverse County Houghton County Iron County Kalkaska County Keweenaw County Leelanau County Luce County Mackinac County Manistee County Menominee County Missaukee County Montmorency County Ontonagon County Oscoda County Otsego County Presque Isle County Schoolcraft County Wexford County				

¹ This date is October 18, 2000, unless otherwise noted.

² An area designated as an ozone nonattainment area as of the date of enactment of the CAAA of the 1990 that did not violate the ozone NAAQS during the period of 1987–1989.

³ This date is January 16, 2001.

⁴ The 1-hour ozone standard is revoked effective June 15, 2005 for all areas in Michigan. The Detroit-Ann Arbor, Flint, Grand Rapids, Muskegon, Allegan Co, and Saginaw-Bay City-Midland areas are maintenance areas for the 1-hour NAAQS for purposes of 40 CFR part 51 subpart X.

Michigan—PM₁₀

Designated Area	Designation		Classification	
	Date	Type	Date	Type
Wayne County—The area bounded by Michigan Avenue from its intersection with I-75 west to I-94, I-94 southwest to Greenfield Road, Greenfield Road south to Schaefer Road, Schaefer Road south and east to Jefferson Avenue, Jefferson Avenue south (Biddle Avenue through the city of Wyandotte) to Sibley Avenue, Sibley Avenue west to Fort Street, Fort Street south to King Road, King Road east to Jefferson Avenue, Jefferson Avenue south to Helen Road, Helen Road east extended to Trenton Channel, Trenton Channel north to the Detroit River, the Detroit River north to the Ambassador Bridge, Ambassador Bridge to I-75, I-75 to Michigan Avenue.	10/4/96	Attainment		
Rest of State	11/15/90	Unclassifiable	.....

Michigan—NO₂

Designated area	Does not meet primary standards	Cannot be classified or better than national standards
State of Michigan	X

Michigan—Ozone (8-Hour Standard)

Designated area	Designation ^a		Category/classification	
	Date ¹	Type	Date ¹	Type
Allegan Co., MI: Allegan County Barry County Area: Benton Harbor, MI:	Nonattainment	.....	Subpart 1.

Michigan—Ozone (8-Hour Standard)

Designated area	Designation ^a		Category/classification	
	Date ¹	Type	Date ¹	Type
Berrien County	5/16/2007	Attainment		
Benzie County, MI:				
Benzie County	5/16/2007	Attainment		
Branch County Area:				
Branch County .....	.....	Unclassifiable/Attainment		
Cass County, MI:				
Cass County	5/16/2007	Attainment		
Detroit-Ann Arbor, MI:				
Lenawee County	(²)	Nonattainment	(²)	Subpart 2/Marginal.
Livingston County	(²)	Nonattainment	(²)	Subpart 2/Marginal.
Macomb County	(²)	Nonattainment	(²)	Subpart 2/Marginal.
Monroe County	(²)	Nonattainment	(²)	Subpart 2/Marginal.
Oakland County	(²)	Nonattainment	(²)	Subpart 2/Marginal.
St. Clair County	(²)	Nonattainment	(²)	Subpart 2/Marginal.
Washtenaw County	(²)	Nonattainment	(²)	Subpart 2/Marginal.
Wayne County	(²)	Nonattainment	(²)	Subpart 2/Marginal.
Flint, MI:				
Genesee County	5/16/2007	Attainment		
Lapeer County.				
Grand Rapids, MI:				
Kent County	5/16/2007	Attainment		
Ottawa County.				
Gratiot County Area:				
Gratiot County .....	.....	Unclassifiable/Attainment		
Hillsdale County Area:				
Hillsdale County .....	.....	Unclassifiable/Attainment		
Huron County, MI:				
Huron County	5/16/2007	Attainment		
Ionia County Area:				
Ionia County .....	.....	Unclassifiable/Attainment		
Jackson Area:				
Jackson County .....	.....	Unclassifiable/Attainment		
Kalamazoo-Battle Creek, MI:				
Calhoun County	5/16/2007	Attainment		
Kalamazoo County.				
Van Buren County.				
Lansing-East Lansing, MI:				
Clinton County	5/16/2007	Attainment		
Eaton County.				
Ingham County.				
Mason County, MI:				
Mason County	5/16/2007	Attainment		
Montcalm Area:				
Montcalm County .....	.....	Unclassifiable/Attainment		
Muskegon, MI:				
Muskegon County	5/16/2007	Attainment		
Saginaw-Bay City-Midland Area:				
Bay County .....	.....	Unclassifiable/Attainment		
Midland County .....	.....	Unclassifiable/Attainment		
Saginaw County .....	.....	Unclassifiable/Attainment		
Sanilac County Area:				
Sanilac County .....	.....	Unclassifiable/Attainment		
Shiawassee County Area:				
Shiawassee County .....	.....	Unclassifiable/Attainment		
St Joseph County Area:				
St Joseph County .....	.....	Unclassifiable/Attainment		
Tuscola County Area:				
Tuscola County .....	.....	Unclassifiable/Attainment		
AQCR 122 Central Michigan Intrastate (remainder of).	Unclassifiable/Attainment		
Arenac County				
Clare County				
Gladwin County				

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Michigan—Ozone (8-Hour Standard)

Designated area	Designation ^a		Category/classification	
	Date ¹	Type	Date ¹	Type
Iosco County				
Isabella County				
Lake County				
Mecosta County				
Newaygo County				
Oceana County				
Ogemaw County				
Osceola County				
Roscommon County				
AQCR 126 Upper Michigan Intrastate (part)	Unclassifiable/Attainment		
Marquette County				
AQCR 126 Upper Michigan Intrastate (remainder of)	Unclassifiable/Attainment		
Alcona County				
Alger County				
Alpena County				
Antrim County				
Baraga County				
Charlevoix County				
Cheboygan County				
Chippewa County				
Crawford County				
Delta County				
Dickinson County				
Emmet County				
Gogebic County				
Grand Traverse County				
Houghton County				
Iron County				
Kalkaska County				
Keweenaw County				
Leelanau County				
Luce County				
Mackinac County				
Manistee County				
Menominee County				
Missaukee County				
Montmorency County				
Ontonagon County				
Oscoda County				
Otsego County				
Presque Isle County				
Schoolcraft County				
Wexford County				

^a Includes Indian Country located in each county or area, except as otherwise specified.

¹ This date is June 15, 2004, unless otherwise noted.

² November 22, 2004.

Michigan—PM2.5

Designated area	Designation ^a	
	Date ¹	Type
Detroit-Ann Arbor, MI:		
Livingston County	Nonattainment.
Macomb County	Nonattainment.
Monroe County	Nonattainment.
Oakland County	Nonattainment.
St. Clair County	Nonattainment.
Washtenaw County	Nonattainment.
Wayne County	Nonattainment.
Rest of State:		
Alcona County	Unclassifiable/Attainment.
Alger County	Unclassifiable/Attainment.
Allegan County	Unclassifiable/Attainment.
Alpena County	Unclassifiable/Attainment.
Antrim County	Unclassifiable/Attainment.
Arenac County	Unclassifiable/Attainment.
Baraga County	Unclassifiable/Attainment.
Barry County	Unclassifiable/Attainment.
Bay County	Unclassifiable/Attainment.

Michigan—PM2.5

Designated area	Designation ^a	
	Date ¹	Type
Benzie County	Unclassifiable/Attainment.
Berrien County	Unclassifiable/Attainment.
Branch County	Unclassifiable/Attainment.
Calhoun County	Unclassifiable/Attainment.
Cass County	Unclassifiable/Attainment.
Charlevoix County	Unclassifiable/Attainment.
Cheboygan County	Unclassifiable/Attainment.
Chippewa County	Unclassifiable/Attainment.
Clare County	Unclassifiable/Attainment.
Clinton County	Unclassifiable/Attainment.
Crawford County	Unclassifiable/Attainment.
Delta County	Unclassifiable/Attainment.
Dickinson County	Unclassifiable/Attainment.
Eaton County	Unclassifiable/Attainment.
Emmet County	Unclassifiable/Attainment.
Genesee County	Unclassifiable/Attainment.
Gladwin County	Unclassifiable/Attainment.
Gogebic County	Unclassifiable/Attainment.
Grand Traverse County	Unclassifiable/Attainment.
Gratiot County	Unclassifiable/Attainment.
Hillsdale County	Unclassifiable/Attainment.
Houghton County	Unclassifiable/Attainment.
Huron County	Unclassifiable/Attainment.
Ingham County	Unclassifiable/Attainment.
Ionia County	Unclassifiable/Attainment.
Iosco County	Unclassifiable/Attainment.
Iron County	Unclassifiable/Attainment.
Isabella County	Unclassifiable/Attainment.
Jackson County	Unclassifiable/Attainment.
Kalamazoo County	Unclassifiable/Attainment.
Kalkaska County	Unclassifiable/Attainment.
Kent County	Unclassifiable/Attainment.
Keweenaw County	Unclassifiable/Attainment.
Lake County	Unclassifiable/Attainment.
Lapeer County	Unclassifiable/Attainment.
Leelanau County	Unclassifiable/Attainment.
Lenawee County	Unclassifiable/Attainment.
Luce County	Unclassifiable/Attainment.
Mackinac County	Unclassifiable/Attainment.
Manistee County	Unclassifiable/Attainment.
Marquette County	Unclassifiable/Attainment.
Mason County	Unclassifiable/Attainment.
Mecosta County	Unclassifiable/Attainment.
Menominee County	Unclassifiable/Attainment.
Midland County	Unclassifiable/Attainment.
Missaukee County	Unclassifiable/Attainment.
Montcalm County	Unclassifiable/Attainment.
Montmorency County	Unclassifiable/Attainment.
Muskegon County	Unclassifiable/Attainment.
Newaygo County	Unclassifiable/Attainment.
Oceana County	Unclassifiable/Attainment.
Ogemaw County	Unclassifiable/Attainment.
Ontonagon County	Unclassifiable/Attainment.
Osceola County	Unclassifiable/Attainment.
Oscoda County	Unclassifiable/Attainment.
Otsego County	Unclassifiable/Attainment.
Ottawa County	Unclassifiable/Attainment.
Presque Isle County	Unclassifiable/Attainment.
Roscommon County	Unclassifiable/Attainment.
Saginaw County	Unclassifiable/Attainment.
St. Joseph County	Unclassifiable/Attainment.
Sanilac County	Unclassifiable/Attainment.
Schoolcraft County	Unclassifiable/Attainment.
Shiawassee County	Unclassifiable/Attainment.
Tuscola County	Unclassifiable/Attainment.
Van Buren County	Unclassifiable/Attainment.
Wexford County	Unclassifiable/Attainment.

^a Includes Indian Country located in each county or area, except as otherwise specified.¹ This date is 90 days after January 5, 2005, unless otherwise noted.

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[43 FR 8964, Mar. 3, 1978, as amended at 43 FR 46008, Oct. 5, 1978; 45 FR 27936, Apr. 25, 1980; 46 FR 46575, Sept. 21, 1981; 46 FR 55109, Nov. 6, 1981; 47 FR 6428, Feb. 12, 1982; 47 FR 7229, Feb. 18, 1982; 47 FR 31878, July 23, 1982; 47 FR 42737, Sept. 29, 1982; 48 FR 8278, Feb. 28, 1983; 48 FR 31207, July 7, 1983; 48 FR 37653, Aug. 19, 1983; 50 FR 3342, Jan. 24, 1985; 50 FR 28576, July 15, 1985; 50 FR 48761, Nov. 27, 1985; 51 FR 26387, July 23, 1986; 54 FR 15185, Apr. 17, 1989; 56 FR 56776, Nov. 6, 1991; 57 FR 56770, Nov. 30, 1992; 60 FR 12478, Mar. 7, 1995; 60 FR 55798, Nov. 3, 1995; 61 FR 5710, Feb. 14, 1996; 61 FR 31849, June 21, 1996; 61 FR 40519, Aug. 5, 1996; 63 FR 31054, June 5, 1998; 63 FR 39436, July 22, 1998; 64 FR 30915, June 9, 1999; 64 FR 35023, June 30, 1999; 65 FR 45234, July 20, 2000; 65 FR 52660, Aug. 30, 2000; 65 FR 67637, Nov. 13, 2000; 65 FR 70498, Nov. 24, 2000; 67 FR 45637, July 10, 2002; 69 FR 23910, Apr. 30, 2004; 69 FR 56708, Sept. 22, 2004; 70 FR 980, Jan. 5, 2005; 70 FR 44476, Aug. 3, 2005; 72 FR 27436, May 16, 2007]

§ 81.324 Minnesota.

Minnesota—SO₂

Designated area	Does not meet primary standards	Does not meet sec- ondary stand- ards	Cannot be classified	Better than national standards
AQCR 131:				
Anoka County	X
Carver County	X
Dakota County	X
Hennepin County	X
Ramsey County	X
Scott County	X
Washington County	X
Aitkin County	X
Becker County	X
Beltrami County	X
Benton and Stearns Counties	X
Big Stone County	X
Blue Earth County	X
Brown County	X
Carlton County	X
Cass County	X
Chippewa County	X
Chisago County	X
Clay County	X
Clearwater County	X
Cook County	X
Cottonwood County	X
Crow Wing County	X
Dodge County	X
Douglas County	X
Faribault County	X
Fillmore County	X
Freeborn County	X
Goodhue County	X
Grant County	X
Houston County	X
Hubbard County	X
Isanti County	X
Itasca and Saint Louis Counties	X
Jackson County	X
Kanabec County	X
Kandiyohi County	X
Kittson County	X
Koochiching County	X
Lac qui Parle County	X
Lake County	X
Lake of the Woods County	X
Le Sueur County	X
Lincoln County	X
Lyon County	X
Mahnomen County	X
Marshall County	X
Martin County	X
McLeod County	X
Meeker County	X
Mille Lacs County	X
Morrison County	X
Mower County	X
Murray County	X